

L. Steynager

VI

RECORDS

L. Stejneger
U.S. Fish Commission.

[1895]

3 1/2

1

up.

i Poludi Ry. from direction of
waterfall 7.30 am. cloudy 3 sec.

Only, paper on land. Plenty of
muck in the water. No dead ones
seen.

ii Waterfall from side of ry. do do side
in morning and the salt house 8.30 am 2 sec.

S. about

Oshonmaja - Kasarum Pt. 27.11 + 2'

Kasarumij. - Waterfall 49.14 + 2'

Oshonmaja - " 76.09

Waterfall - Shell's Arch 42.38 1/2

" - Poludjammij Pt. Reef 72.55 1/2

" - Tonkij Bay " 84.16 1/2

S 65° W SW 1/2 W heading deviation 10° W

Waterfall N 60° E | correction for deviation N 50° E

Oshonmaja S 41° E | " " S. 51° E

Bridge. Sep 8. Church Over. M.
artif. horiz. 55° 12'. —

Courses and Distances along Copper Mt.

Vill. to Scadion R. - S. $87^{\circ}11'E$, $E\frac{1}{4}S$ - $9^{\circ}E$ $2\frac{3}{4}$ miles

Scadion R. to Shiravoj $S59^{\circ}E$, SE by $E\frac{1}{4}E$ - " $3\frac{1}{4}$ "

Shiravoj to Gladkovski $S36^{\circ}33'E$, SE $\frac{3}{4}S$ - $42^{\circ}E$ $1\frac{1}{4}$ -

Gladkovski to Urilk.

Karabuluj anchor. $S19^{\circ}41'E$, S by $E\frac{3}{4}E$ - $3^{\circ}5E$ 3

Karab. anchor to ^{Karabuluj} Black C. $N64^{\circ}41'E$; NE by $E\frac{3}{4}E$ - $6^{\circ}20'E$ $1\frac{3}{4}$ -

Karab. C. to Black C. $S56^{\circ}15'E$; SE by E - $8^{\circ}45'E$ $4\frac{3}{4}$ -

Black Cape to Shaggy R. Glinka. $S17^{\circ}E$; S by $E\frac{1}{2}E$ - $2^{\circ}15'E$ $3\frac{3}{4}$ -

Shiravoj to Black C. $S53^{\circ}26'E$; SE $\frac{3}{4}E$ - $8^{\circ}30'E$ $9\frac{3}{4}$ -

Village to Peshkani; N $N17^{\circ}W$; N by $W\frac{1}{2}W$ - $3^{\circ}W$ 2

Peshkani to Matrojev $N39^{\circ}22,5W$; $NW\frac{1}{2}W$ - $44^{\circ}5'W$ $1\frac{3}{4}$ -

Matrojev to NW Cape $1\frac{1}{4}$ mile off $N56^{\circ}15'W$; NW by W - $7^{\circ}W$ 4

$6\frac{1}{2}$ miles on the same course from
Matrojev will clear the reef to
 SW . for shaping course to Manati.

From NW Cape, C.I. to Cape Vakro
D.I. SE by $E\frac{1}{4}E$ (NW by $W\frac{1}{4}W$) or
 $S59^{\circ}E$ ($N.59^{\circ}W$) Dev. 9° East $48\frac{1}{2}$

Feb 25 1885

2 weeks

1885

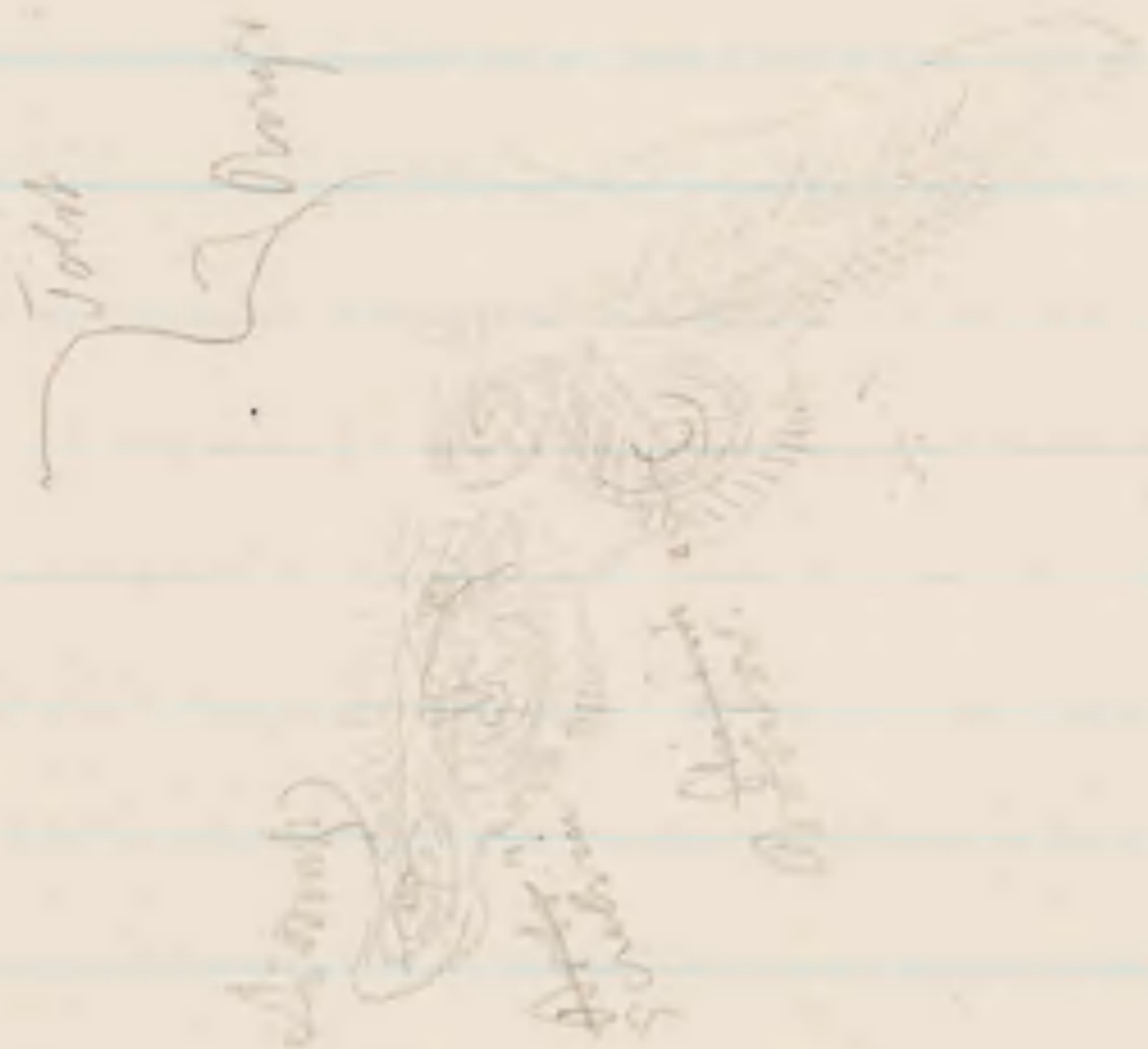
1885

1895

Sep. 9
Monday

Left Nikolaki this morning at 4.30 and about 7.30 had half an hour on shore at Poludjonnij Ry. while the 159 skins secured there since our last visit were taken into the boat. Visited the rookery. Only a couple of dozen pups were left on the shore; a good many more were on the rocks and plenty of matki in the water. I could not make out any dead bodies of pups on the shore with my binoculars.

Fog was hanging over the mountain tops of both islands and but a few indistinct sketches were obtained as we steamed along. The wind is moderate

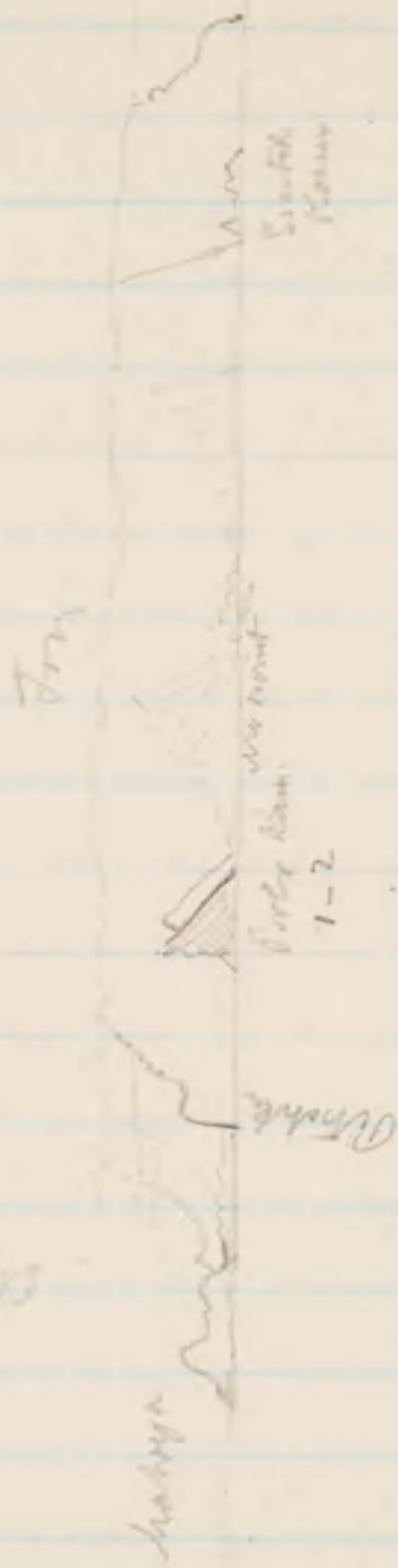


- (9) but the swell is quite formidable as yet and may preclude landing at the salt houses tomorrow.

About 5 pm anchored off Poroshukoj, C. I. where we were informed that the late catch had been very light compared with Birnie Island. The explanation is easy enough since the ~~nesteries~~ ~~or~~ ~~nesting~~ grounds in the Copper Island cannot be scraped clean of females as on Birnie and the few holushaki between them culled out at the breeding killing grounds. Large catches comparatively late in the season were not rare in Copper Island in former

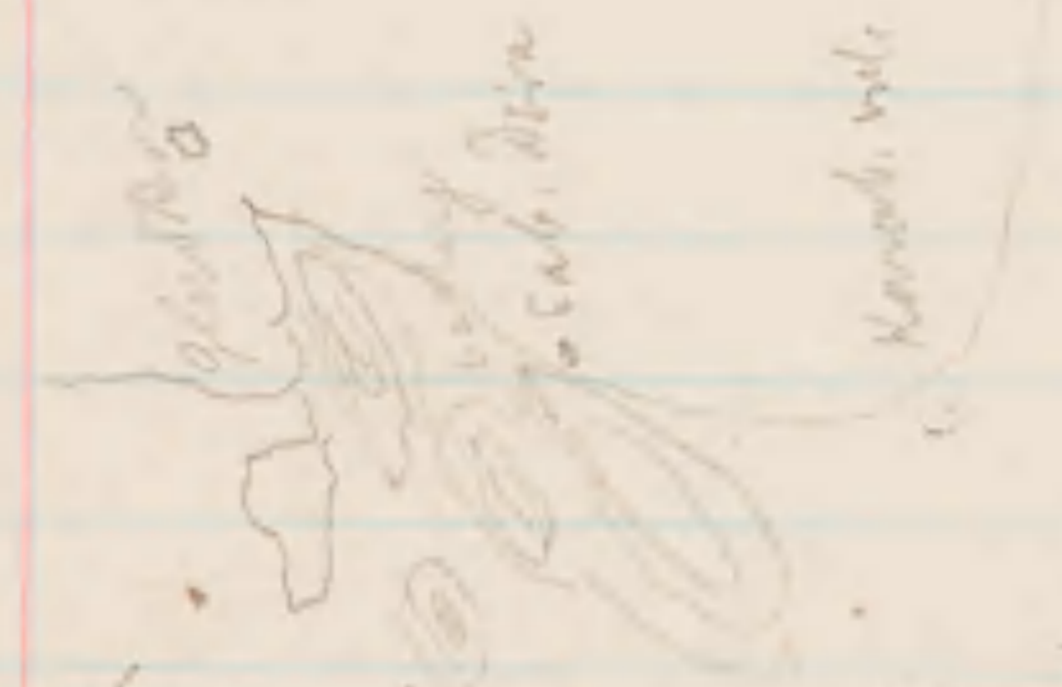
Sep 4 Copper Id.

Laurel



When both Copper Id. and S. 1-2 are seen, the range, but not as yet a single range and base beyond.

- (9) years [see the number of skins taken by the steamer on the rocks since 1891] but the hunters come then secured in places where they hauled out by themselves - as Babinski Podium etc - and where there are now none at all. This effectively disproves of the theory of a much later arrival of the seals as an explanation of the large late Bering Island catch. - It is interesting to note that the thoroughgoing difference in the conditions of the seal life on the two islands this year also holds good as regards the late catch.



note: Was not the new outline of
Glenkopi lake put on the map
before it was corrected for the
wrong variation?

Sep. 10

Tuesday

In the morning we
found a gale of SSW blowing
from land, which cracked
us to land as the rocking
villages as it kept down
the swell, and consequently
left the village anchorage
at 6.50 am. Arrived in
Karabului; at 7.30 and
anchored off Popofski -
Uril Kamm and Gladkovski
Kamm ranging - ~~where~~
whence were received 188 skins.
As it was blowing too hard
for any work on shore, pho-
tographic or topographic - I
stayed on board. Left an hour
after for Glinka where we
anchored at 11 am. Before 1 pm.
- although landing was difficult
and had to be effected some distance
from the settlement - at Starij Glinka

Courses in previous notes:

supernovists
from

	(= 1 day Rock?)		
12.35	Glenike Reef	24 1/2	3 1/4
1	Tchornij Mys	27 3/4	2 5
1.35	Korablay	32 3/4	4.5
2	Gladkovskii Kan	37 1/4	1 1/4
2.15	Shiravoy Mys	38 1/2	

37.25
32.75
4.50

(10)

The 651 seal skins were on board and at 1.15 we steamed out again ^{back} towards Probrasjinskij where anchor was dropped about 4.15 pm. The natives went ashore, but as it was blowing a furious gale and as I had nothing particularly to do ashore I stayed on the vessel.

From conversation with the natives, through Capt. Lindquist, I gathered that a good many dead pups - dog pups - had been seen on the rocks, but it was evident that they were not aware of any unusual mortality and it pretty fair to assume that thus far none has taken place here.

(10) In evidence of the increasing numbers of the sea otters it was mentioned that only a few days ago one was seen close to the Probasjurokai village. - I understood that G. has authorized the killing of 24 sea otters this fall.

Sep. 11
Wednesday Early in the morning the "Porpoise" came up and anchored. Capt. Pelly in his boat passed us and offered to take me ashore, so went with him for a walk. I had intended to take the plank-table across to the south side but it was blowing entirely too hard for that kind of work. Later on most of the officers and St. Thomas

Munich



(11) came ashore and we spent most of the time in walking in the village. It being holiday - as usual - the Alexander day, the names day of the late czar, the people were in holiday attire, and their superior appearance, and cleanliness, and prosperity was over the Bering Islanders was apparent to all.

The business on Cape Is. having been transacted the "Kotik" left about 5 pm. This being its last visit there this season. A good many boats were out to say good bye and with apparently fine weather we steamed out of Port...

(11) Day, setting the course towards the N.E. Cape of Bering Island, it being the intention to make the North Bay early in the morning. We soon, however, encountered a tremendous northern swell and a so high NW wind that the capt. after having driven the boat as far up as Tolotzi Bay had to turn and seek shelter along the south end of B.I. At 5 am

Sep. 12 At 5 am we were at Thursday Cape Mamatu and it was now decided to attempt to reach Nikolok and possibly land there. The sky was bright, but sea and wind were against

(12) us and the "Kobik" rolled and pitched fearfully. Fortunately, I was not sea sick. We finally arrived in Garmu shortly after 4 pm being nearly 24 hours out from Probrashurky.

Mr. Klyuz at once came on board and informed us that last Tuesday (10) a drive had been made on North by route in 459 skin, 14 - or 24, he did not remember which was Stager.

Upon inquiry I learned that the last drive of the regular season 1894 was made Aug. 15.

The landing being very difficult in account of the surf I stayed on board the vessel.

Sep. 12 - 195 - 57 skins.

Sep. 13 Wind had shifted to
Friday easterly this morning and
continued so all day
with no possibility of
landing at the rookery. So
we stayed in the harbor.
Raining all day. Very
disagreeable. Did not leave
the ship.

Sep. 14 Today is only a repetition
Saturday of yesterday though the
wind and weather are
moderating.

The only incident of
the day which ^{was} passed in
reading and writing was
Mr. Kluge's visit on board.
He reports a skin yesterday
day (13th) of 195 skins,
51 of which were stagey.
The number of stagey skins
in last run was 14. The

(14) Killing is certainly extreme when $\frac{1}{4}$ of the whole number of skins is Stagy! I recall with some amusement G's remark that in "Russian circles" the decrease in the seals on the American side is partly attributed to bad management of the rookeries!!

Sep. 15 A beautiful day, at Sunday. Nikolsky with sun shine and light easterly wind. Yet, there is a big swell at the rookery and this place is better than any for lying idle. So here we are going to stay till tonight, at least.

Capt. Lindquist and I went ashore after breakfast

(15) and there being nothing else to do we walked along the beach to Ladiguisk. On the way I took a number of bearings from the North end of my base line in verification of those previously taken as well as a set from the mouth of Ladiguisk River. Also a photo 5x7 of the Ladiguisk Valley with the Burdakovski houses. Proskof's house did not get into the picture.

Returning we took dinner in the company's house and learned there that J. has ordered a drink at North Ry. Tomorrow morning. As this would prevent the men from loading the skis it was decided that the

(15) shaver should go at once to U. Ry. so that the natives may see it tonight thus probably preventing the drive. When G. was told that there was no use in making a drive now that the skins are stager, he is said to have answered, that the company need not take the skins, but that meat is needed for the natives.

A few minutes after 4 pm. we left for the rookery and on the way out I made a couple of shots with the 3/4 at Toporkof and Ariz Kamen. Arrived and dropped anchor to the East of the rookery in 10 fathoms at 8 pm. No wind but considerable swell.

Banker north of Buck Run almost as far out
as distance of Kamen from "sands". Sands, which from
broken shells. Evidently the Kamen almost as a line between
note Rocks divided Kamen and Cape Vattell.

Rebels.

Symbols Kamen

from Weaver anchor.

B. 7.

Sep. 16 '95.

Sep. 16

Monday.

It having been found
possible - though very difficult
to land, skins were taken
on board early this morning.
Wind has shifted to westerly
and it is raining. However,
at 7 am. I went ashore with
my camera, but there was
but little to photograph.

Very few seals were seen
on the rookery, only a few
thousands all told; the
"sands" - which owe their white
color to broken shells - were
almost entirely deserted; nor
were any seals to be observed
in the water. Those on the
reef were cows and
pups, the majority of the
latter now gray. One or
two old oikatchi were seen
and half a dozen or so

(16) ^{large} of four or five years old who were mingling among the females apparently *playing sicatili. I do not quite see how the natives would have made a drive today.

I found a great number of dead pups: there were at least twice as many as on Aug. 22. They were all - or nearly all - lying in wind rows and were washed up by the sea where they were now lying. Curiously enough, there were no very fresh bodies which might have been killed by the recent northerly swell; all I saw were dead at least one week old.

(16) It was also notable that nearly all were black, only here and there a gray one.

Lilivanoof gave me the following details of drion since I was here last.

Aug. 10. o.o. Reef.
 905 skins. ^{22 m.s.} 7 lbs 4; 8,
 85; 9, 139; 10, 215; 11,
 203; 12, 179; 13, 28;
 14, 52.

Total drion ~~\$309~~ 4309
 Six. 8

Maki 2928

Gvdr. 173

pupa 295

Kilew 905

see however rec. V, p. 561 !

(16) Aug. 12 o.s. Kishorobung.
 24 us.

232 skins; 7 lbs, 15;
 8, 40; 9, 35; 10, 28; 11,
 46; 12, 38; 13, 14; 14, 16.

Total skins 1508.

Skr. 4

Matk. 1265

Gator. 56

Pups 51.

Killed 232.

Aug. 19 o.s. Reef.

880 skins; 7 lbs, 104; 8, 211;
 9, 171; 10, 62; 11, 103; 12,
 120; 13, 100; 14, 9.

Total skins 3310.

Skr. 5

Matk. 2259

Gator. 55

Pups 108

Killed 880

(16) ^{Sep. 10} Aug. 29. o.s. Reef.
 Skins 459. - 7 lbs, 50; 8, 93;
 9, 80; 10, 66; 11, 85; 12, 40;
 13, 35; 14, 10.
^{Sum} Total Killed. 2292
 Sick. 8
 Mark. 1718
 Gotrr. 38
 Pups. 69
 Killed 459

1 Sept. o.s. Kishorok.
 Skins 194; 7 lbs, 19; 8,
 47; 9, 34; 10, 20; 11, 29;
 12, 16; 13, 17; 14, 12.
^{Sum} Total Killed 1204
 Sick. 3
 Mark. 825
 Gotrr. 77
 Pups. 115
 Killed 194

B. J. 9528 ~~497~~ 497 Cope
 C. J. 6895 ~~592~~ 592 Rev.
 T. J. 1300

94 95

B. J. 9528 ÷ 592 = 8936
 C. J. 6895 ÷ 497 = 6398
 15334.

(16)

Owing to low water and the surf, the loading of the boat was attended with considerable difficulty. The big ship's boat backed in through the narrow channel and a few hundred bundles were thrown in; it then went outside and a little boat was then used to bring the rest of the load from the rocks to the large boat lying outside. However, the last load was aboard at 9 am and shortly after all the natives as well, whereupon anchor was weighed and we started toward Nikolski again.

Skins were taken on board as follows:

(16). 2012 (1006 bundles)

446 - 2^d salt.

142 - 1st "

65 stagey

6 matki

5 damaged

2676 skins

While leaving off the
rocker the first mate,
Mr. Baerman, caught
quite a number of
cod fish - about $\frac{3}{4}$ of
a barrel.

~~After~~ Arriving in
Nikolsky I went ashore
to say good bye to Mr.
Gubritski and Mr. Kluge.

J. gave me the official
figures of this year's
catch as follows:

8370

$$\begin{array}{r}
 (16) \quad B. I. \ 9528 \text{ less } 592 (1894) = \overline{8936} \\
 C. I. \ 6895 \text{ " } 497 \text{ " } = \overline{6398} \\
 \hline
 16423 \\
 \text{Tiuleni} \quad \quad \quad \overline{1300} \\
 \hline
 16634.
 \end{array}$$

Account, having been
settled etc. etc. farewell
was in order, — and probably
for the last time — Perry
Island faded away in
the distance.

Sep. 17 Cloudy weather; wind
Tuesday against us, and increasing;
heavy sea. Headache
and biliousness: The story
of another day!

Sep. 18 The coast of Kamchatka
Wednesday is in sight! Far to the
north rises the majestic
cone of Koso Kromotskaya
Sipka, the new snow on

(18) its sides glowing with a
 the faint rosy tint; at
 the southern end of the
 river Shipunski Keys and
 behind it the glorious
 cluster of Koriatskaya,
 Avakinskaya and Kosolovskaya,
 the former in a beautiful
 mantle of pure white.

Later in the day, as we
 approach these mountains
 I made a snap at them,
 but, the motion of the
 ship and ^{a strong} wind blowing
 directly into the camera
 probably caused blurring
 of the picture, or too much
 cannot be expected. About
 5 pm we entered the inner
 Avacha bay, and the
 beauty of the scene, the
 incomparable volcanic

(18) peaks, the blue mountain ranges, one behind the other, the gorgeous red and yellow autumn tints of the near hills and the tranquil waters of the magnificent bay forming a picture never to be forgotten. At 6.15 we anchored at the spot and found in the harbor the Porpoise, the Julek and the American schooner Ethel Jane with lumber for the new lighthouse.

The latter vessel brought me a letter from the Fish Commission dated Washington June 29, with an enclosure from Mr. Williams to Mr. Malasauski, offering me free passage in the "Kotik".

(18) The offer of seal skins etc is only too late in so far as we are not going to the island anymore, but was in itself unnecessary as G. had promised me the specimens. But like so many other promises it was either intentionally or unintentionally forgotten and as I learned that the "Albatross" in '93 had secured specimens I did not press the matter.

Mr. Grinnwald was ~~also~~ here, but his steamer has already left. The barkentine "Perry" will bring the goods from Vladivostok to the island direct, so that the chances are that we shall hear Petropavlovsk in

(18) a few days for San Francisco.

Mr. Grinnwald corroborated the story that the Museum naval officer guarding Robbin Island last fall allowed 3000 skins to be taken by a dealer sharing the profits. The procurer in Vladivostok asked G. if the company wished to complain as without their lodging a complaint the officer could not be prosecuted, but that he (G.) refused to complain.

Sep. 19 Fine day for photography.
 Sunday. Went with Dr. Thomas to Dr. Tushoff's house - nobody at home, Dr. T. at Mikhra for a protracted trip - and changed our plates in his

(19) dark room which is very defective and leaky.

Afterward repacked the alcoholics.

Sep. 20 Wind and rain all day, Friday so had to stay on board doing nothing.

Sep. 21 Weather improving, and in Saturday the afternoon Dr. Thomas and I went to "Sandlin's" "danch" beyond the harbor light house.

Sep. 22 Took a walk with my Sunday gun on the shore side on the "Mikoloki". Birds, except Corvus orientalis scarce. Saw an Accipiter pallens juv and a Sitta alba, also a Turdus obscurus feeding on the Sorbus berria. Other birds observed were Nucifraga,

(22) Parus kamtschaticus.

In the afternoon skinned the Sitta and the Accipiter but my fingers, especially those of the right hand are so rheumatic that I made a poor job of it. Even writing is now difficult. Am taking the lithia tablets, with what result we will see later.

Sep. 23
Monday

A most glorious day! Cool with a bright sun shine and the mountains white with silvery snow. With the photographs will show at least a fraction of all this beauty.

Shot four Nucifraga during the afternoon, but 3 are too badly shot to be of any use.

(23) One of them, the one to be skinned had the crop crammed with a vast number of pine nuts ~~which were~~ with their shells unbroken. Do they not crack them at all?

Noticed in all of them a white patch on the inner side of 3 primaries forming a spot on the under-side of the wing; in ~~the~~ ^{one} young ~~one~~ only one feather has this spot.

Do not remember to have observed it in our skin series, so will have to look it up.

Spent the evening on board the porpoise.

Sep. 24 Skinned the Muscifraga in Tuesday the morning (no. 6010).
Weather like yesterday, but

(24) we are ready to go this afternoon, if the papers of the vessel can be obtained ~~at~~ during the absence of the ispravnik.

—We arrived late in the day on the "Jakut", and from 2 pm. we were prepared to get off hourly. However, it was 6.40 pm. before we steamed out of Petropavlovsk, the "Popov" sending up rockets, and its band playing "Auld lang syne", while the "Jakut" did nothing.

It was a beautiful night; the mountains south of the bay being particularly fine, and the first quarters of the moon setting near Velutchin's Bay Lighthouse.

Sep. 25 The weather is fine and
Wednesday we are making good
headway. We are 200 miles
near San Francisco and
home.

Sep. 26 Do. do.

Thursday.

Sep. 27 Do. do.

Friday

Sep. 28

I am getting more bilious
Saturday all the time; wake up with

Sep. 28 too a nasty headache and a

Saturday in horrible rotten tooth in my

Sep. 29 month. We are having a

Sunday pretty rough tumble in a
heavy sea, and although I
get up in the morning and
attend all the meals - with but
poor appetite - I spend most of
the time on my back on a
sofa or in bed.

(29) This morning (about lat. 48° 45' N, 174° 20' W long) the first gony (*Bismutha nigripes*).

Sep. 30

Monday

Oct. 1

Tuesday

Oct. 2

Wednesday

Oct. 3

Thursday

Oct. 4

Friday

Oct. 5

Saturday

Oct. 6

Sunday

We continue to make good progress in spite of the heavy sea, as the wind is favorable. My eyes are yellow and I am unfit for any kind of work or exertion. It is as much as I can do to read Dickens. The heavy rolling has kept me sleepless now for three nights.

Weather and sea improving. Health also improving, although the rheumatic symptoms, especially in the thumb continue.

A fine day in every respect

Do do.

Oct 7 Still light wind and
Monday but little sea. Feel tolerably
well, but thumb as before.
In the afternoon rain.

Among the gonies (*Diomedea*
nigripes) following us there
is one with nearly the whole
head white.

Oct 8 Sea increasing; feeling un-
Tuesday comfortable.

Oct 9 Wind high from the north
Wednesday and sea tremendous. Had to
heave to in the afternoon.
This will cost us a day coming
in.

Oct 10 Wind dying down, but
Thursday sea continuing big; however,
we got under way again
about 4 am. There was no
sleep to be had last night, though.
It is overcast and warm.
Fortunately it is over all over.

Gravelly Talmij

1893 - 1500

1894 - 1000 limit

1895 - 1300

1891 - 700?

1892 - No sealing. Plenty
also reported by the
guard.

Seals come up Gulf of
Tartary through Labrovian
Strait according to Russian
traders who have followed
them up.

Oct. 11 Fine weather, but some.
Friday what foggy. Had to wait
some little time for the
doctor, but got up to the
wharf about 4 pm.

1895

Aleutians

1895

Alentians

Family SAL
The

FOUR-LEGGED
vomero-palatine
sphenoid in two too
About thirty sp
family which in its
confined to Europe
India, and in North
resented by two spe
or terrestrial; perfec

128

129

S. F. Meek Oct 15 6 pm
1 box Northwest Corn.
1 " Corn at plants

$$\begin{array}{r} 85.80 \\ \hline 208 \\ 2625 \\ 208 \\ \hline 4584 \end{array}$$

